

MS 1819

CONFIDENTIAL
PROPRIETARY FORMULA

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U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME Products Research & Chemical Corporation		EMERGENCY TELEPHONE NO. (213) 849-3992
ADDRESS (Number, Street, City, State, and ZIP Code) 2919 Empire Avenue, Burbank, California 91505		
CHEMICAL NAME AND SYNONYMS Polysulfide rubber sealing compound		TRADE NAME AND SYNONYMS PR-340
CHEMICAL FAMILY N/A	FORMULA N/A	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST Lead Dioxide	5-10	0.2mg/M ³			
VEHICLE			METALLIC COATINGS		
SOLVENTS Toluene	<2	200ppm	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H ₂ O=1)	1.39
VAPOR PRESSURE (mm Hg.) (toluene)	36.7	PERCENT VOLATILE BY VOLUME (%)	2.0 Max.
VAPOR DENSITY (AIR=1) (toluene)	3.14	EVAPORATION RATE (_____ = 1)	N/A
SOLUBILITY IN WATER	N/A		
APPEARANCE AND ODOR	Aluminum thixotropic paste; slight toluene odor.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	62°F (PMCC)	FLAMMABLE LIMITS	Unk	Let	Uel
EXTINGUISHING MEDIA	Foam, CO ₂ , dry chemical				
SPECIAL FIRE FIGHTING PROCEDURES					
UNUSUAL FIRE AND EXPLOSION HAZARDS	Emission of toxic fumes.				

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	200 ppm, toluene
EFFECTS OF OVEREXPOSURE	Base compound may be irritating to skin.
	Accelerator contains a lead compound which may be absorbed through the skin.
EMERGENCY AND FIRST AID PROCEDURES	SKIN: Wash thoroughly with soap and water.
	EYES: Wash out thoroughly with large amounts of water; call a physician.
	INGESTION: Induce vomiting; call a physician.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
Decomposes when exposed to oxidizing agents.			
HAZARDOUS DECOMPOSITION PRODUCTS			
Oxides of sulfur, hydrogen sulfide, formic acid.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Wipe up excess with rags or paper towels; clean area with chlorinated solvents.
WASTE DISPOSAL METHOD
Normal trash procedures; do not incinerate.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)		
Not required in normal usage.		
VENTILATION	LOCAL EXHAUST	SPECIAL
	Adequate to minimize solvent vapor.	
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES		EYE PROTECTION
Recommended.		Not required in normal usage.
OTHER PROTECTIVE EQUIPMENT		

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Store in closed containers in sheltered area at ambient temperature.
OTHER PRECAUTIONS
Avoid accelerator spillage.